

IN THE SPECIFICATION:

After the title of the invention and before the heading FIELD OF THE INVENTION insert the following new heading:

BACKGROUND OF THE INVENTION

After paragraph [0001] and before paragraph [0002] amend the following heading:

BACKGROUND OF THE INVENTION INFORMATION

Please amend paragraph [0010] as follows:

According to the present invention, there is provided an agricultural wheel tire having a tread integrally formed with a plurality of lugs, the lugs comprising: a plurality of first lugs extending from a center of a tire width to a first lateral edge of the tire; and a plurality of second lugs extending from the center of the tire width to a second lateral edge of the tire; the first ~~lags~~ lugs and the second ~~lags~~ lugs being circumferentially formed in an alternating manner; wherein side surfaces of adjacent first ~~lags~~ lugs, an end surface of a second lug located at the center between the first ~~lags~~ lugs, and a bottom surface located between the first ~~lags~~ lugs form a depressed portion in a substantially spherical shape; and side surfaces of

adjacent second lugs, an end surface of a first ~~lag~~ lug located at the center between the second lugs, and a bottom surface located between the second lugs form a depressed portion in a substantially spherical shape.

Please amend paragraph [0027] as follows:

An auxiliary wheel 31 is mounted to a front end portion of the power transmission device 12 in a vertically adjustable manner. A fender 32 covers the power transmission device 12 and the tilling devices ~~14, 15~~ 15, 16 from above. An engine cover 33 covers the engine 11 from above.

Please amend paragraph [0032] as follows:

The tire 102 has on its outside peripheral surface a tread 103 on which a plurality of first lugs 104 and a plurality of second lugs 105 are formed circumferentially in an alternating manner for avoiding sinking when traveling on a cultivated field or soft land. ~~Given~~ The first lugs 104 and second lugs 105 are herein referred to as first lugs 104A, 104B and second lugs 105A, 105B for convenience of explanation.

Please amend paragraph [0033] as follows:

As shown in FIG. 5, the first lugs 104 extend from a center of width of the tire 102 to a first lateral edge 107 of the tire 102, gradually narrowing in width. The second lugs 105 extend from the center of width of the tire 102 to a second lateral edge 108 of the tire 102, gradually narrowing in width. The first lugs 104 and the second lugs 105 point in opposite lateral directions. The tire 102 has an equatorial center plane EP crossing each of the first and second lugs 104, 105 in circumferential and axial directions of the tire 102.

Please amend paragraph [0037] as follows:

As shown in FIG. 7, the tire 102 of a rectangular contour has the depressed portions 118, 121 formed in a substantially spherical shape. The cross-sectional shape of the depressed portions 118, 121 is substantially a quarter sector of a circle. The depressed portions 118 and 121 are symmetrical about a line L crossing the equatorial center plane EP.

Please amend paragraph [0041] as follows:

Referring to FIG. 8B, part of the depressed portion 118, that is, the side surface 105b of the second lug 105A and the bottom surface 114 start engaging the cultivated field 125. The soil in the vicinity of the side surface 105b of the second lug 105A is gathered along the side surface 105b of a substantially spherical shape as shown by an arrow, and is gradually hardened.

Please amend paragraph [0042] as follows:

Referring to FIG. 8C, when the spherical depressed portion 118 in its entirety is buried in the cultivated field 125, the soil is gathered along the substantially-spherical side surface 105c of the second lug 105B as shown by an arrow, and is gradually hardened. The soil located between and surrounding the second lugs 104A and 105B has increased hardness, preventing the tire 102 from sinking. The soil of increased hardness allows the tire 102 to have a sufficient driving force.

Please amend paragraph [0044] as follows:

As described above, the depressed portion 118 having a substantially spherical shape can smoothly expel the soil gathered and hardened in the depressed portion 118 outside of the depressed portion 118, hardly ~~get~~ getting clogged up with the soil and constantly maintaining the transmission of driving force of the agricultural tire 102 in good ~~conditions~~ condition.